

Remarks

Claims 1-11 and 13-21 are pending. Claims 1-11 and 13-21 are rejected.

Claims 1-9, 11-19, and 21 are rejected under 35 U.S.C. 102(e) as being anticipated by Girod et al. (U.S. Patent No. 6,687,506). Claims 10 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Girod in view of Kushita (U.S. Patent No. 6,570,689).

With regard to claim 1, Girod fails to teach, disclose, or suggest broadcasting a plurality of noise signals, each signal within a different portion of the frequency range of the wireless telecommunication, from different locations into the region such that telecommunications is inhibited in the overlap of the broadcasted noise signals. Examiner asserts that this limitation is found in the following passages of Girod:

... minimum distance between the jammer and the mobile so as to use minimum power with a rapid 1/d² decay (radiating cables or distributed sensors).

self-regulating of the power of the jamming

2. restrictions in time by:

transmitting signals only in the event of detecting a mobile which is transmitting in the volume, before ringing or before communicating (AB on RACH for example).

3. restrictions in the jamming information:

minimum and "harmless" jamming signals, avoiding transmissions on the traffic and communication channels.
selectivity related to the type of subscription or to the type of use (for example, the 112, emergency call in France, must get through).

via synchronization dialogue with the stations and their software.

The risk of pollution becomes zero if the jammer transmits a coded signal only to the base station.

(Col. 4, l. 59 - col. 5, l. 12.)

FIG. 6 is a diagram, showing the relationship of the protected space to an antenna;

FIG. 7 is another block diagram;

FIG. 8 is yet another block diagram;

FIG. 9 is a diagram showing an apparatus according to the invention with a parabolic antenna;

FIG. 10 is a diagram using a Yagi antenna;

FIG. 11 is a diagram of an apparatus using multiple antennae;

Col. 3, ll. 24-35.

Nothing in the above passages teach, disclose, or suggest, the limitation.

Girod “transmit[s] signals only in the event of detecting a mobile which is transmitting in the volume, before ringing or before communicating,” col. 4, ll. 64-66, and “uses the superposition onto [individual codes of radio telephones] an unidentifiable radio signal, on the same frequencies, thereby modifying the call codes which are no longer recognized by the destination radio telephones,” col 2., ll. 4-7. Girod teaches away from Applicants’ invention because Girod’s signals depend on the frequencies of the mobile detected. Although Girod proposes “several apparatuses,” col. 2, l. 49, this is to “adapt protection to large volumes or to volumes of any shapes,” col. 2, ll. 48-49. Girod’s “several apparatuses” do not broadcast a plurality of noise signals, having different frequency characteristics, from different locations to inhibit telecommunications in a region of overlapping noise signal coverage. See Application, pg. 7, l. 23 - pg. 8, l. 2; pg. 8, ll. 11-24; Figure 6; and, Figure 7b.

Claim 13 fails to teach, disclose, or suggest a plurality of radio frequency noise generators, each generator generating a noise signal within a different portion of the frequency range of the wireless telecommunications and a plurality of antennas, each antenna in communication with one of the generators, each antenna having an antenna coverage area, the limited region of the telecommunications coverage formed by overlapping antenna coverage areas. As explained above, Girod does not broadcast a plurality of noise signals, having

different frequency characteristics, from different locations to inhibit telecommunications in a region of overlapping noise signal coverage. Furthermore, Girod's region is not formed by the overlap of antenna coverage areas.

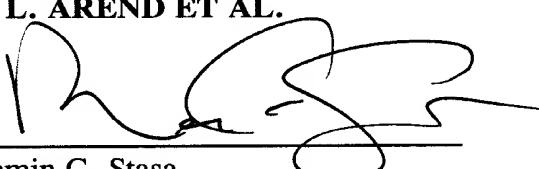
The dependent claims are patentable at least because they depend from one of the independent claims.

Applicants' Attorney believes the claims are in a condition for allowance. Applicants' Attorney respectfully requests a notice to that effect. Applicants' Attorney also invites a telephone conference if Examiner believes it will advance the prosecution of this case.

Please charge any fees or credit any overpayments as a result of the filing of this paper to Deposit Account Number 02-3978.

Respectfully submitted,

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